

For Research Use Only

RNF156 Polyclonal antibody

Catalog Number: 11285-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

11285-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1808

GenBank Accession Number:

BC014199

GeneID (NCBI):

23295

UNIPROT ID:

O60291

Full Name:

mahogunin, ring finger 1

Calculated MW:

63 kDa

Observed MW:

58-64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:3000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IP, IF, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, mouse brain tissue

IHC : human lung cancer tissue,

Background Information

MGRN1(E3 ubiquitin-protein ligase) mediates monoubiquitination at multiple sites of TSG101 in the presence of UBE2D1, but not of UBE2G1, nor UBE2H. It also plays a role in the regulation of endosome-to-lysosome trafficking. Human and mouse mahogunin exhibit a similar expression pattern across multiple tissues with particularly high levels in brain(PMID: 12560552). It has 4 isoforms produced by alternative splicing with the molecular mass of 58-64 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Jennifer H Kong	32966817	Dev Cell	WB
Jennifer H Kong	34486668	Development	IP
Jiao Jian J	19703557	Biochim Biophys Acta	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

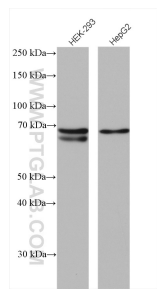
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

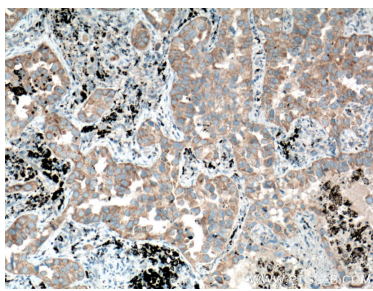
E: proteintech@ptglab.com
W: ptglab.com

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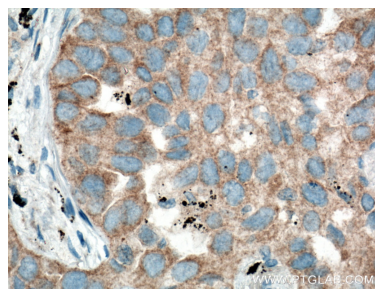
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11285-1-AP (RNF156 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11285-1-AP (RNF156 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11285-1-AP (RNF156 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).